

FIG. 1

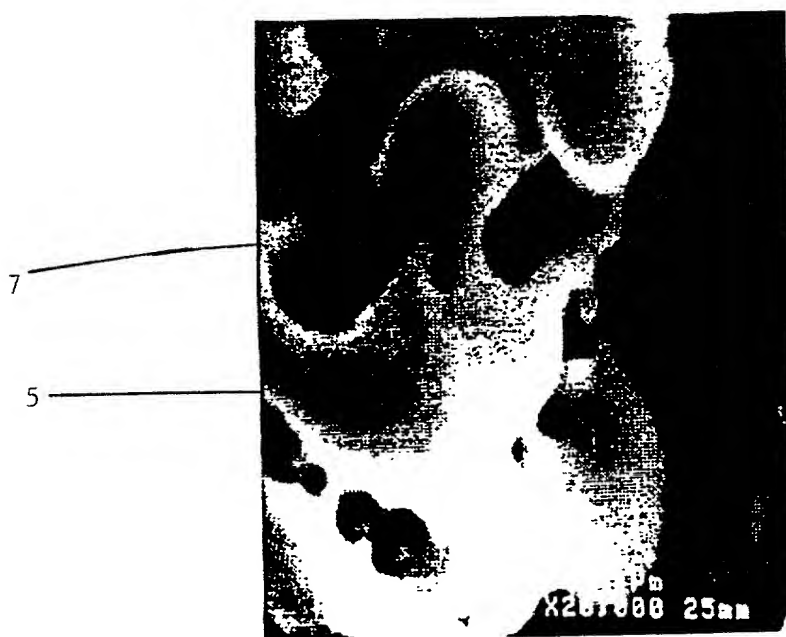


FIG. 2

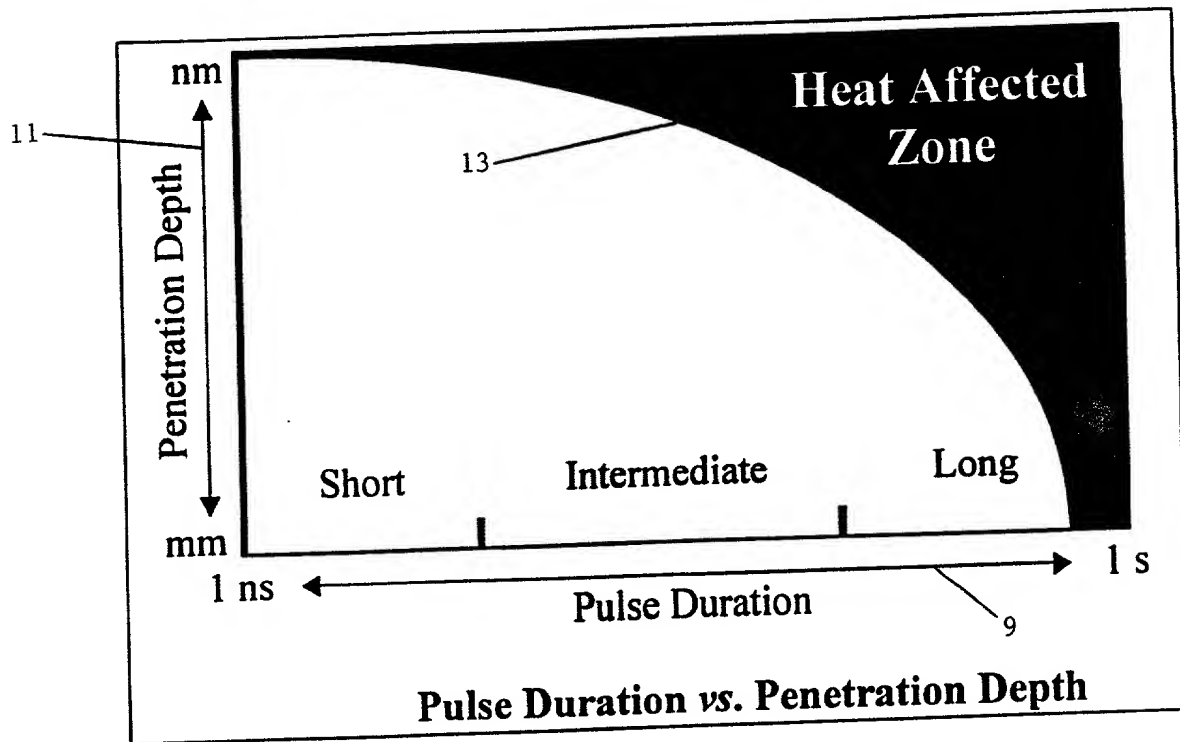


FIG. 3

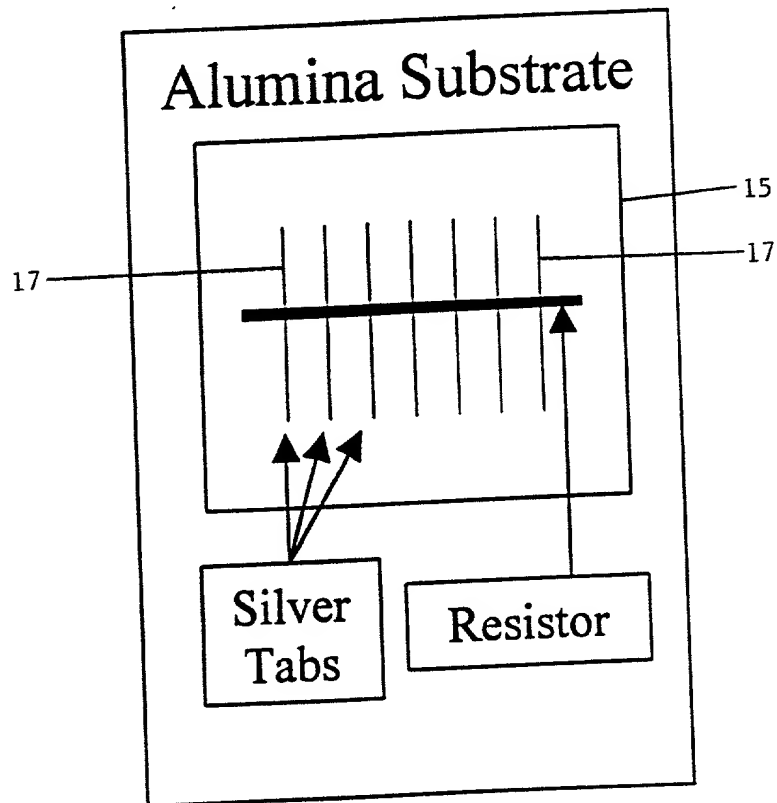
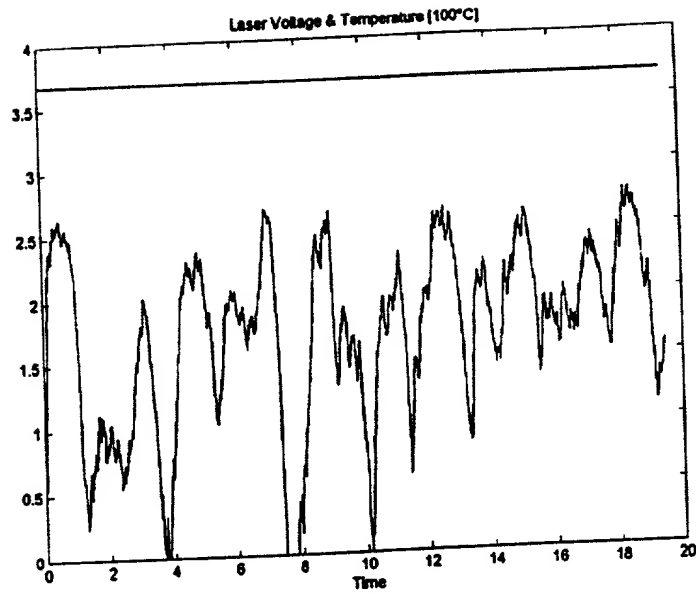
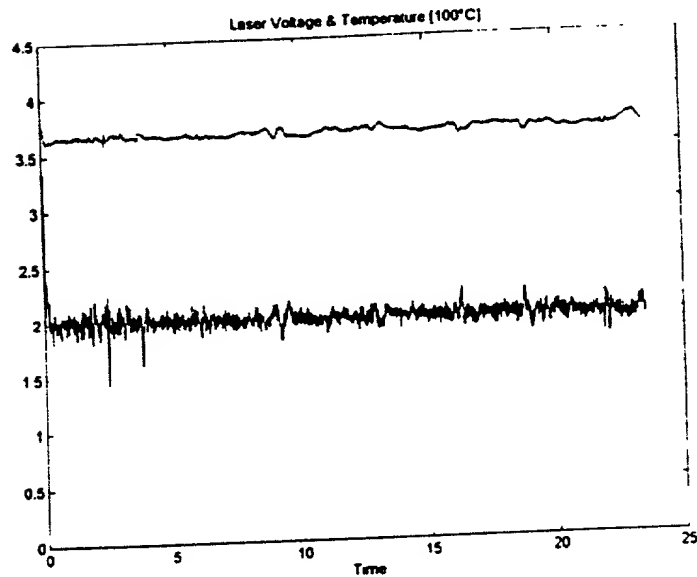


FIG. 4



Open Loop Feedback

FIG. 5A



Closed Loop Feedback

FIG. 5B

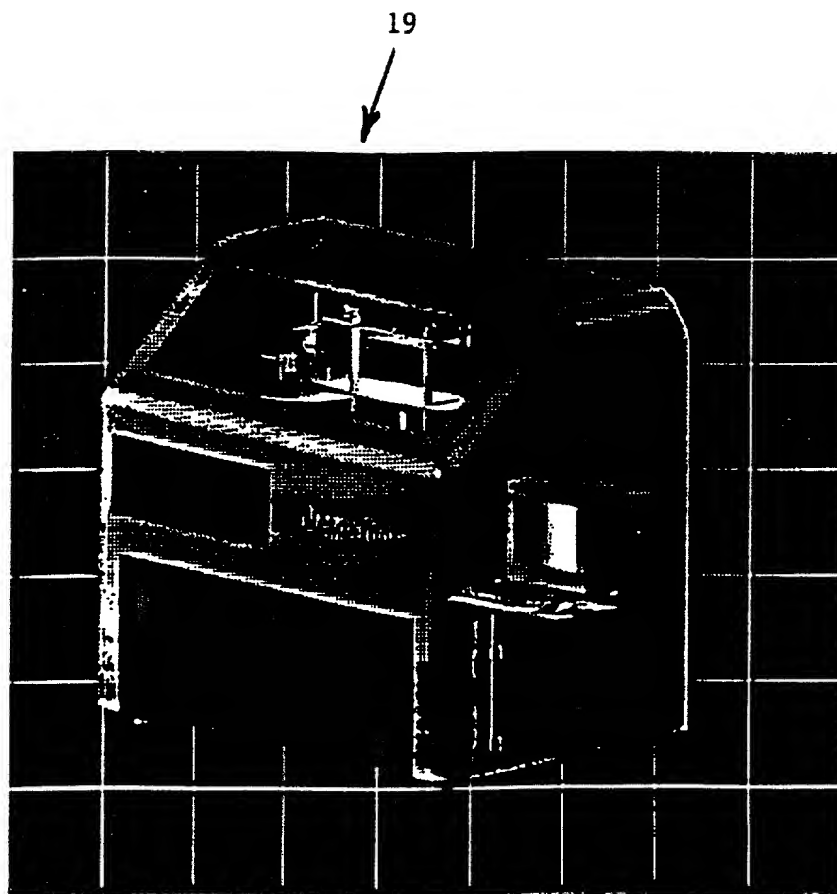


FIG. 6

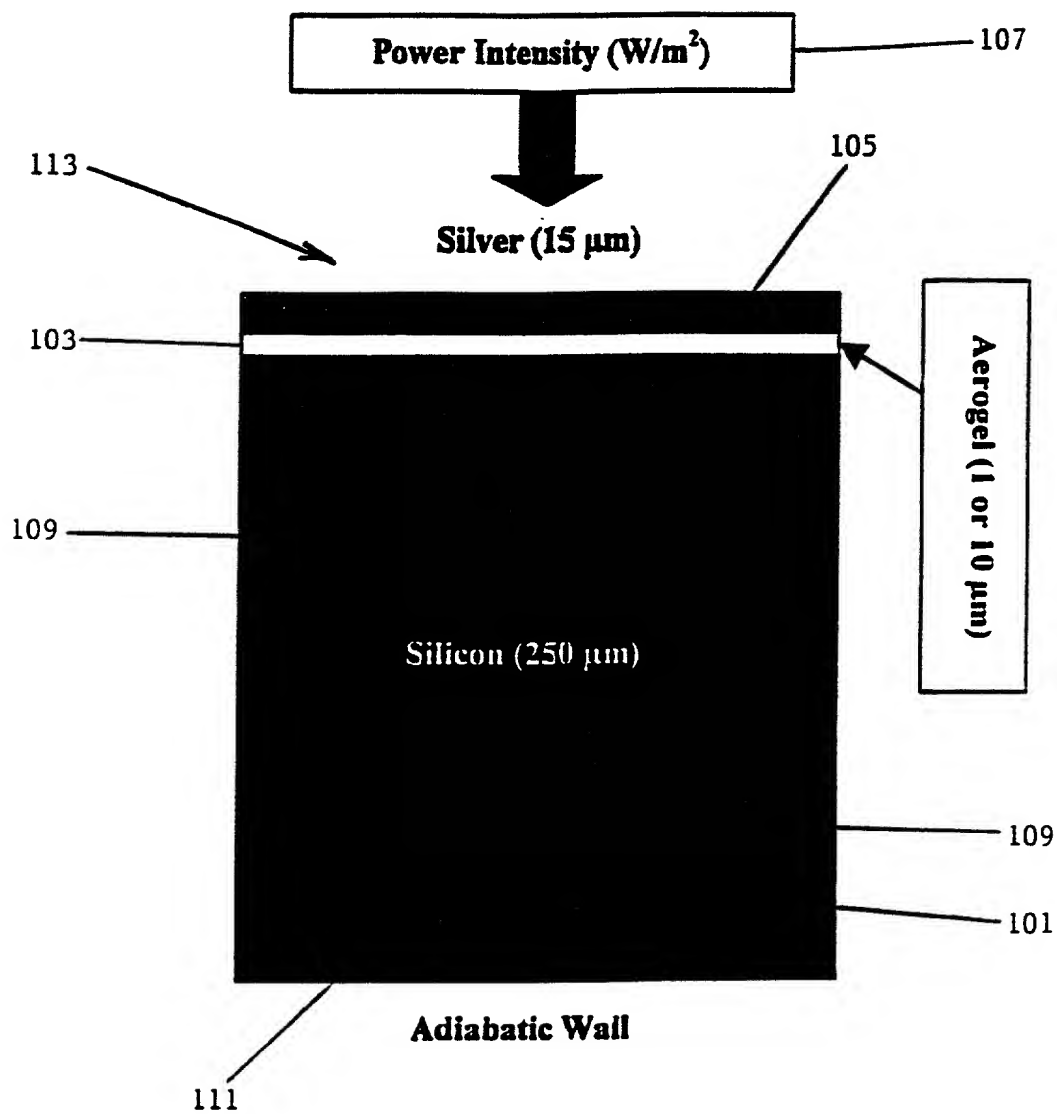


Fig. 7

Distribution of Maximum Silver Temperature
(Finer-Resolution Calculation)

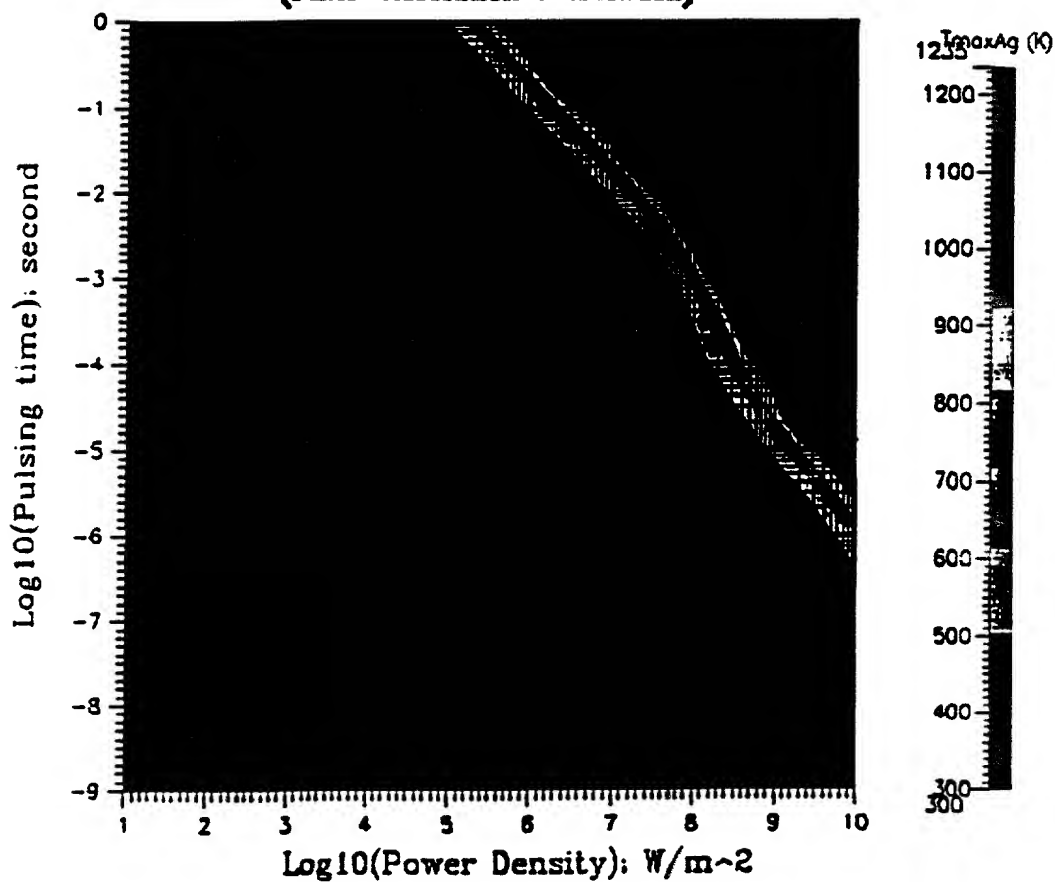


Fig. 8

(Effect of Gel Thickness on Silver Melting)

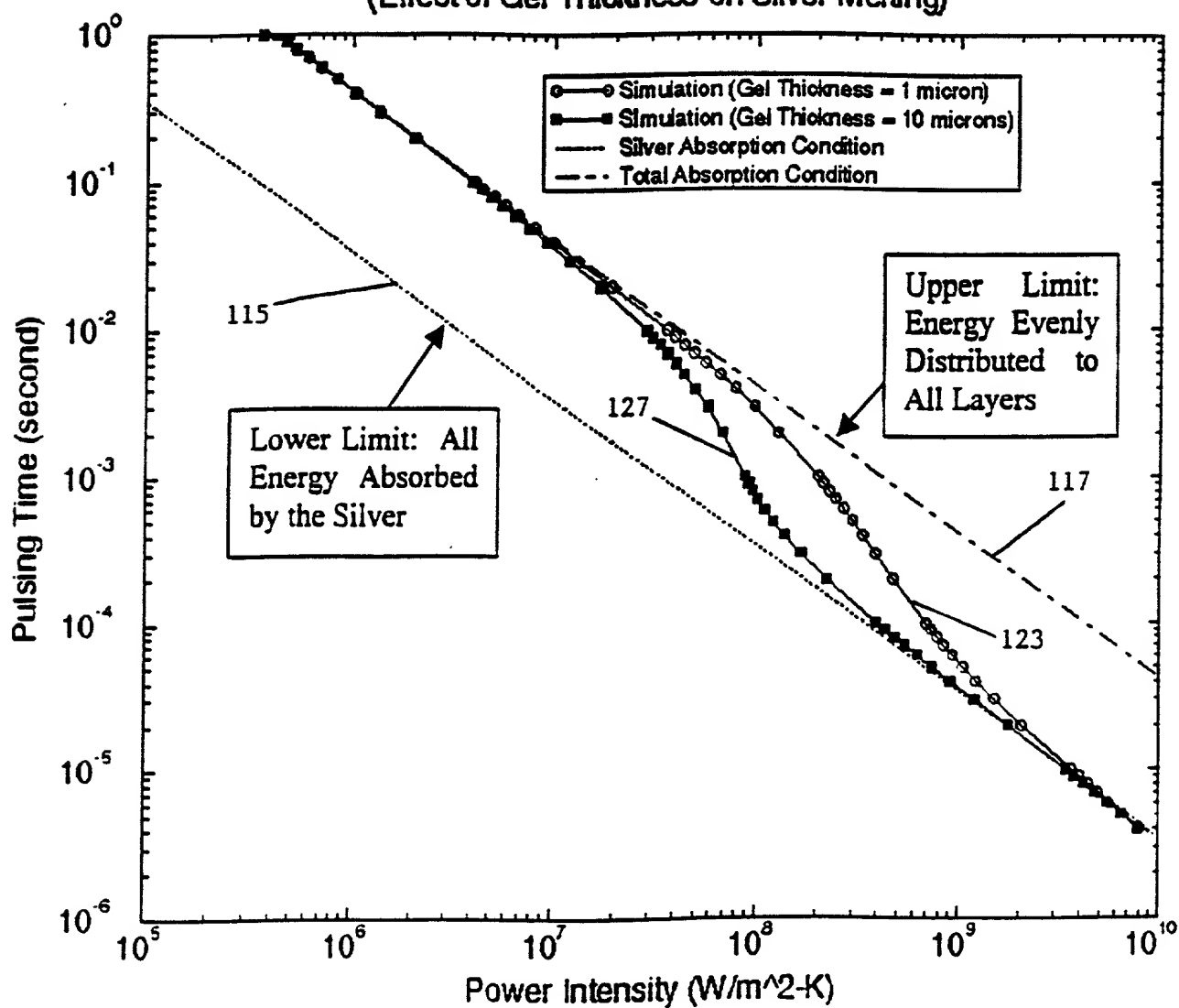


Fig. 9

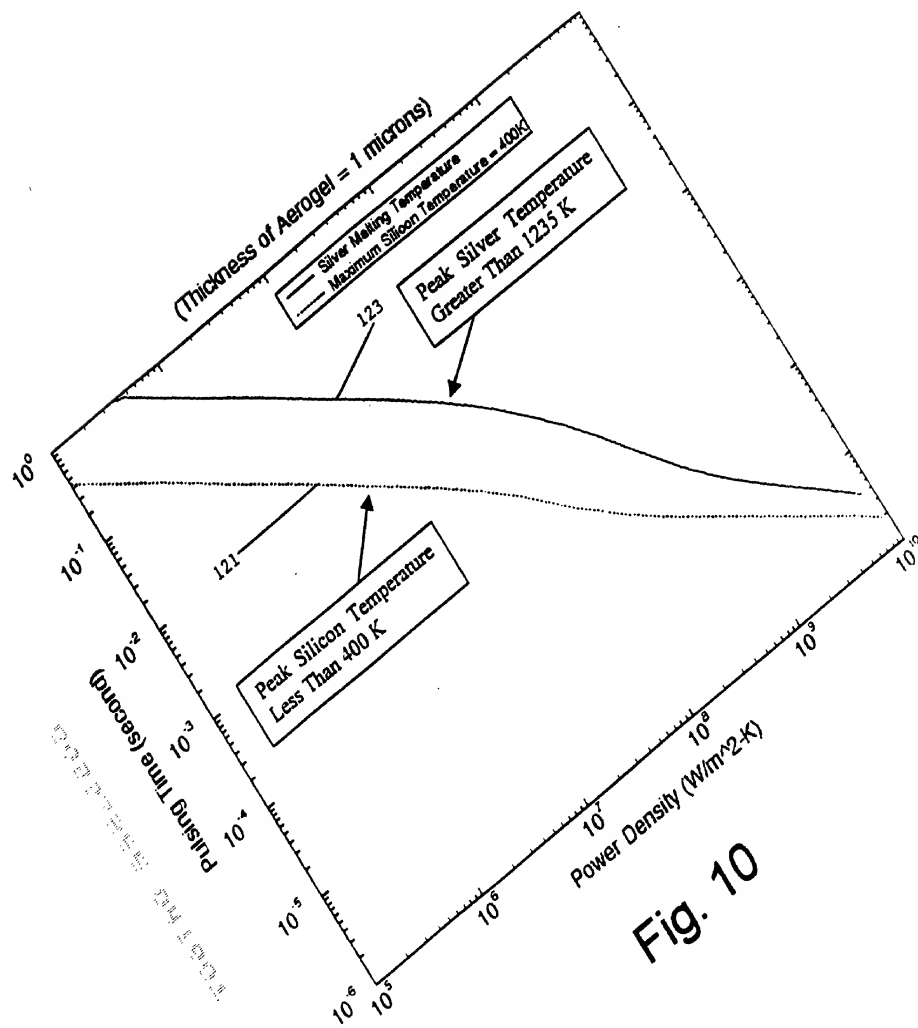


Fig. 10

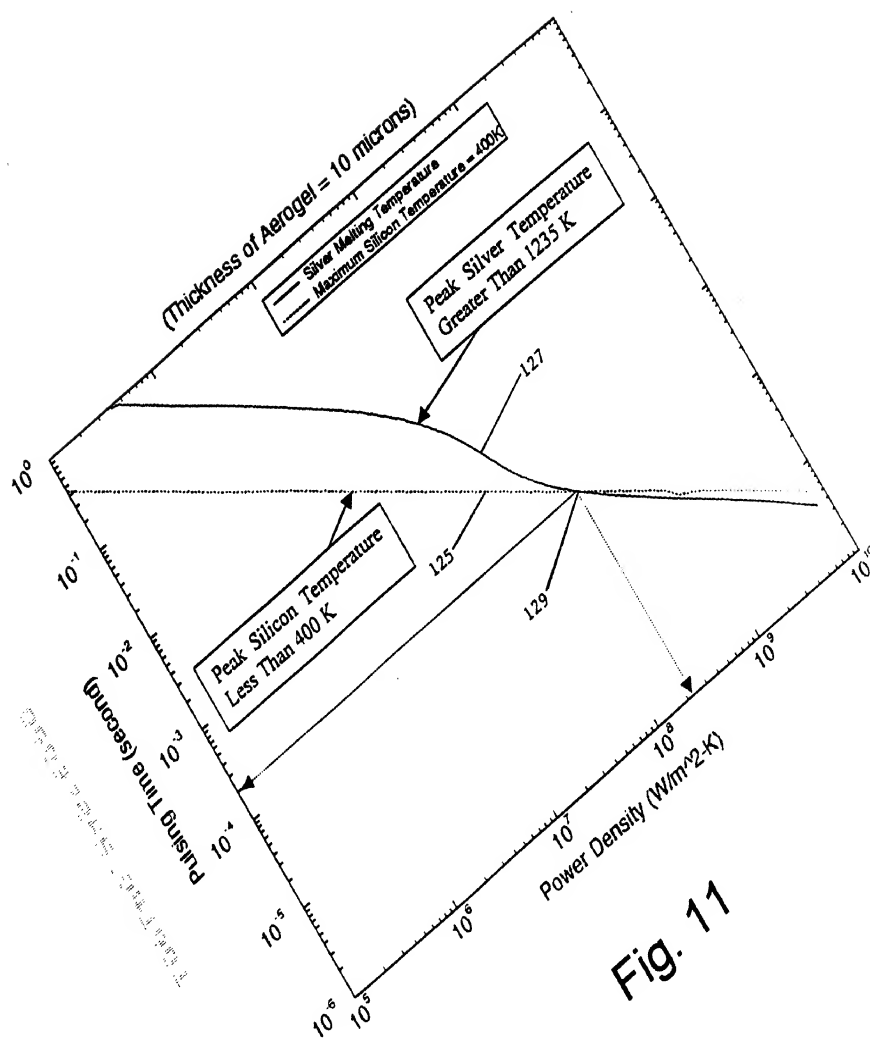
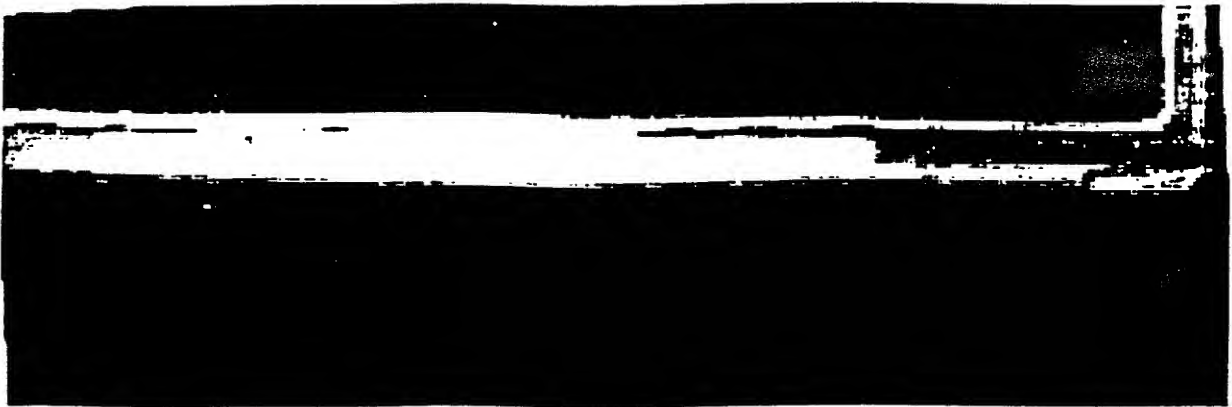


Fig. 11



Without Aerogel

Fig. 12A



With Aerogel

Fig. 12B

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